

Amendment and Response

Applicant: Francisco Corella

Serial No.: 09/483,186

Filed: January 14, 2000

Docket No.: 10001559-1

Title: LIGHTWEIGHT PUBLIC KEY INFRASTRUCTURE EMPLOYING UNSIGNED CERTIFICATE

IN THE SPECIFICATION

Please replace the paragraph beginning on page 1, line 7, with the following rewritten paragraph:

a1
This patent application is related to the following Non-Provisional U.S. Patent Applications: Serial Number ~~XX/XXX,XXX~~09/483,185, entitled "AUTHORIZATION INFRASTRUCTURE BASED ON PUBLIC KEY CRYPTOGRAPHY," having Attorney Docket No. 10991054-1; Serial Number ~~XX/XXX,XXX~~09/483,189, entitled "METHOD AND APPARATUS FOR PROVIDING FIELD CONFIDENTIALITY IN DIGITAL CERTIFICATES," having Attorney Docket No. 10991055-1; and Serial Number ~~XX/XXX,XXX~~09/483,356, entitled "LIGHTWEIGHT PUBLIC KEY INFRASTRUCTURE EMPLOYING DISPOSABLE CERTIFICATES," having Attorney Docket No. 10001540-1, and the following Provisional U.S. Patent Application Serial Number ~~XX/XXX,XXX~~60/176,157, entitled "PUBLIC KEY VALIDATION SERVICE," having Attorney Docket Number 10001558-1, which are all filed on even date herewith, are all assigned to the same assignee as the present application, and are all herein incorporated by reference.

Please replace the paragraph beginning on page 2, line 6, with the following rewritten paragraph:

a2
In an application of a public key cryptosystem for authenticating a user, the public key must be securely associated with the identity of the user that owns the public key by authenticating the public key itself. Public key certificates are typically employed to authenticate the public key. A traditional public key certificate is a digital document, signed by a certificate authority, that binds a public key with one or more attributes that uniquely identify the owner of the public key. The public key certificate can be verified using the certificate authority's public key, which is assumed to be well known or is recursively certified by a higher authority. For example, in a corporation, a public key certificate can bind a public key to an employee number.